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# Compiled Research & Materials, Appendix G: Tiny Homes Consideration

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# Tiny Home/Community Conclusions

## General info about the homes

- Have it be stepping stone to Art Street housing?
- IACT process taught
- Need houses to be made in Dayton (manufacturing jobs)
- Summer programs with DECA and DPS
  - Sustainable farming and energy practices taught
- Use PACE financing, OH-Sun
  - Use leverage to make sure panels are installed by Dayton residents (training)
- Likely need housing costs be lower compared to rest of UD housing
  - using less energy/materials so makes sense
  - can also used be as a type of incentive

## Neighborhood Amenities

- Multidisciplinary LLC
- Link Bike station and/or UD bus
- Greenhouse and/or aquaponics (with farming classes?)
- Composting and recycling bins obviously
  - Possible compost at the neighborhood and use it for the greenhouse?
- Near the "moat" for fishing...

## House Amenities

- Everything energy efficient (get in contact with GE and/or Emerson)
- "Smart Home"?
- Vacancy sensors for lighting
- Fridge (mini or regular type? - remember only for 2-3 people...)
- 2 - 3 beds
- Needs desks, tables, chairs etc.
- Stove
- Skylights - natural lighting.
- Low flow fixtures
- Locally sourced materials
- Dry erase boards/chalk boards everywhere

## How do you foster "community"?

- Green house: grow food together
  - Possibility for veggie/vegan FE restaurant
- Learn and Live together (LLC) - curriculum together to foster productive conversations
  - IACT curriculum (precursor to living at Art Street)?
- Common areas
  - Relaxation (bean bags, hammocks, etc.)
  - Cooking: space available for cooking - ovens, cookbooks, appliances, etc.

- Learning: Creator Space type room for collaborative learning, quiet area with desks
- Bathrooms/showers (save space in individual homes)
- Amphitheatre, theatre for movies, plays etc.
- Composting, recycling, repurposing, TerraCycling (competitions??)
- Recreation: Link Bikes, kayaks, sports equipment rental

## Impact on Dayton/UD

### Sustainability

- What materials are used building homes? - shoot for local
- Renewable energy and energy efficiency
- How much energy saved?
  - Compare what would be used for x amount of students in typical houses vs x amount of students in tiny homes (energy, materials, money, etc.)
- UD could be seen as leader in sustainable housing
  - Specifically target students who take classes in Fitz, education and SEE (minor and major) students (River Stewards?)
  - Efficient appliances, low flow water fixtures, skylights, "smart home"

### Jobs/Training/Mentorship

- Who builds the homes - needs to be local!
- Partnership with Dayton Tech (name?) for mentorship
- Other opportunities for mentorship?
- Summer camps (though mentoring group no longer pursuing it)

### Food

- How much food could be grown? Could it support the entire neighborhood or does outside food need to be brought?
- Farming classes
- Cooking classes for healthy meals from scrap with fresh food
- Vegetarian and/or Vegan type FE restaurant
- On site composting

### Education

- More educated and mindful UD students
- IACT processes
- Multidisciplinary LLC

### Survey for Tiny Homes (See separate document in Tiny Homes Folder)

- How much space do you *need*? How much space do you want?
- Are you willing to share common areas for x, y, and z?

Imagine having this tiny living space community and then not having it-- to emphasize community aspect